



Ted Wynne Engineering/Contractor, Inc.

417 WELSHWOOD DRIVE • SUITE 114 • NASHVILLE, TN 37211

PHONE: 615-331-7660 • FAX: 615-333-0764

December 21, 1999

Ms. Sharon Jordan
Tennessee Valley Authority
P.O. Box 1010
Muscle Shoals, Alabama 35662-1010

Re: North Alabama Region I Mental Health Center
Decatur, Alabama

/ Morgan Co. E911 facility

This office performed a test on a 200 feet deep, 6 inch diameter vertical bore, backfilled with drilled tailings, December 16, 1999. The following data was derived from test data:

Thermal Conductivity	1.4 BTU/HR-F
Ground Temperature	57.8 F

We feel that based on our observation of the terrain, the above is representative of the area where a field of Vertical Heat Exchangers would be located for this project.

Please let us know if any additional information is needed.

Sincerely,

TED WYNNE ENGINEERING CONTRACTORS, INC.

Ted Wynne

Ted Wynne, P.E.

jh





MILLER DRILLING COMPANY, INC.

Environmental • Municipal • Commercial



December 15, 1999

TVA
Sharon Jordan

Well Logs for Decatur, Alabama job

Well #1		Well #2	
0-1	top soil	0-1	top soil
70-140	light gray limestone	1-70	clay
140-180	light brown limestone	70-140	light gray limestone
180-200	light gray limestone	140-180	light brown limestone
		180-200	light gray limestone

Kenneth Gentry

OFFICES

<input type="checkbox"/> LAWRENCEBURG	P.O.Box 706	Lawrenceburg	TN	38464	931-762-7548
<input type="checkbox"/> CHATTANOOGA	P.O.Box 5063	Chattanooga	TN	37406	423-622-3161
<input type="checkbox"/> HUNTSVILLE	P.O. Box 18383	Huntsville	AL	35804	256-534-0073
<input type="checkbox"/> ANDERSON	4506 Highway 24	Anderson	SC	29624	864-226-7879
<input type="checkbox"/> DOVER	P.O.Box 556	Dover	TN	37058	931-232-8283